

Title (en)
Sealing device for a flap track in a belly fairing of an aircraft for a flap-actuating shaft

Title (de)
Dichtvorrichtung für den Rumpfdurchtritt einer Betätigungsachse einer Klappenführung

Title (fr)
Joint pour un axe actionnant un volet hypersustentateur

Publication
EP 1676773 A1 20060705 (EN)

Application
EP 05078055 A 20051228

Priority
ES 200500028 A 20041231

Abstract (en)
Sealing device for the flap track for the flap-actuating shaft, in the belly fairing of an aircraft, with a top hollow body 1 and a bottom hollow body 7 which are flexibly compressible, each comprising at least one interior chamber 2, 8 with open sides 2a, 2b, a wall 3, 9 with respective external contact surfaces 3a which are in flexible contact with each other, the outer surfaces 4a, 10a of the front walls 4, 10 of the hollow bodies 1, 7 jointly forming an outer sealing surface 11 which covers the flap track 19, said hollow bodies 1,7 having jointly a vertical compression flexibility such that the contact surfaces 3a, 9a retract around the actuating shaft 20, the interior chambers 2, 8 extending between the front walls 4, 10 and rear walls 5, 11 of the hollow bodies 2, 7.

IPC 8 full level
B64C 9/02 (2006.01); **F16J 15/50** (2006.01)

CPC (source: EP ES US)
B64C 9/02 (2013.01 - EP ES US)

Citation (applicant)
GB 1508788 A 19780426 - PITCRAFT LTD

Citation (search report)
• [X] GB 1508788 A 19780426 - PITCRAFT LTD
• [A] US 3917194 A 19751104 - MULLER GUNTHER
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BE1024611B1; US9004404B2; US2009184208A1; US9394997B2; WO2018138034A1

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